DART SERVICE INSTRUCTION

TO AMEND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
ICA-D139-1012 REV. 3 OR LATER APPROVED REVISION.
REF. TCCA STC: SH16-17
REF. FAA STC: SR03788NY
REF. EASA STC: EASA.IM.R.S.10061119
REF. ANAC STC: 2016S05-07

1.0 PURPOSE

It has come to Dart's attention that ICA-D139-1012 does not provide instructions to remove the fixed provisions of the D139-1012-011 Cargo Net Installation.

The purpose of this DART Service Instruction (DSI) is to provide customers with instructions for permanent removal of the D139-1012-011 Cargo Net's fixed provision from the aircraft and re-installation of LHD hardware under B.T.139-076.

2.0 PROCEDURE

2.1 REMOVAL OF D5320-043 & D5397-1 D-RING FROM CARGO FLOOR

2.1.1 For permanent removal of the D5320-043 D-Rings and hardware, refer to Figure 25-11 of ICA-D139-1012 to remove Qty (7) x D5320-043 D-Ring Assemblies from locations 1 through 4 and 8 through 10. Refer to Figures 25-12 and 25-13 of ICA-D139-1012 to disassemble each D5320-043 D-Ring from the Cargo Floor. Refer to Figure 25-11 of ICA-D139-1012 and LHD B.T.139-076 to reinstall D-Ring Assemblies p/n 109-0812-17-103 at the forward locations 1 through 4 and the rear locations 8 through 10.

2.1.2 If the optional D5397-1 D-Rings have been installed at the locations 14 and 15 per Figure 25-11 of ICA-D139-1012, remove Qty (2) x D5397-1 D-Ring and reinstall AN970-3 washers with existing screws at these locations.

2.2 REMOVAL OF D5397-1 D-RING FROM CARGO BAY CEILING LINER.

2.2.1 For permanent removal of the D5397-1 D-Rings from the Cargo Bay Ceiling Liner, refer to Figures 25-16 and 25-17 of ICA-D139-1012. Remove each D5397-1 D-Ring and reinstall Qty (1) x AN3-6A bolt and Qty (1) AN970-3 washer at points Q, R, S, T in the aircraft ceiling. It is acceptable to use longer or shorter AN3 bolts to ensure 1.5 to 4 threads in safety.

2.3 REMOVAL OF D5397-1 D-RING FROM CARGO BAY DOOR FRAME LINER

2.3.1 For permanent removal of the D5397-1 D-Rings from the Cargo Bay Door Frame Liner, refer to Figures 25-1, 25-4, 25-5 and 25-6 of ICA-D139-1012. Remove each D5397-1 D-Ring and reinstall Qty (1) x AN526-1032R10 screw and Qty (1) AN970-3 washer at LH points B/K/G and RH points C/L/I. It is acceptable to use longer or shorter AN526-1032 screws to ensure 1.5 to 4 threads in safety.

2.4 CLOSE OUT

2.4.1 Update Aircraft Logbook to reflect modification per DSI 9872.

2.4.2 Remove the D5409-1 or D5409-3 Placard as applicable.

2.4.3 Update Weight & Balance to remove the weight of the D139-1012-011 Cargo Net Installation per Chapter 8 of ICA-D139-1012.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: _____
D. SHEPHERD (DE # 02)

DATE: 22.04.14
CERT. NO.: SH16-17
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APPROVED

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